



Advances on the Metallurgy of Electrical Steels

Guest Editor:

**Prof. Dr. Armando Salinas
Rodríguez**

Centro de Investigación y de
Estudios Avanzados del Instituto
Politécnico Nacional, Unidad
Saltillo, Ramos Arizpe 25900,
Coahuila, Mexico

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Message from the Guest Editor

Dear Colleagues,

Basic and applied scientific research strongly linked with industrial technological developments are expected to generate the underlying knowledge needed to materialize the growth forecast for the production and use of this high-end soft magnetic material. This Special Issue of *Metals* is aimed at putting together, in a single volume, a collection of articles dealing with the most recent advances in metallurgical research aimed at increasing our understanding of the processing–microstructure–property relationships of GO and GNO electrical steels. Contributions ranging from alloy chemistry development to novel processing procedures, including strip casting, hot rolling, hot band annealing, cold rolling and primary and secondary recrystallization heat treatments are welcome. In particular, contributions on the effects of processing conditions on the evolution of the microstructure (grain size and texture) and final properties, such as magnetic susceptibility and core losses, are encouraged.





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Editor-in-Chief

Prof. Dr. Yong Zhang

Beijing Advanced Innovation
Center of Materials Genome
Engineering, State Key
Laboratory for Advanced Metals
and Materials, University of
Science and Technology Beijing,
30 Xueyuan Road, Beijing 100083,
China

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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Contact Us

Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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